

14. The labeled protein according to claim 13, wherein said acceptor portion comprises puromycin.

15. The labeled protein according to claim 13, wherein said acceptor portion comprises a puromycin derivative.

*but B* 16. The labeled portion according to claim 15, wherein said puromycin derivative is one member selected from the group consisting of ribocytidyl puromycin, deoxycytidyl puromycin and deoxyuridyl puromycin.

17. The labeled protein according to claim 13, wherein said label substance is a fluorescent dye.

18. The labeled protein according to claim 17, wherein said fluorescent dye is fluorescein.

19. The labeled protein according to claim 13, wherein said labeling compound is fluoresceinylphosphopuromycin or fluoresceinylthiophosphopuromycin.

20. A labeled protein which comprises a protein portion and a labeling compound chemically linked to a C-terminal of the protein portion,

wherein said labeling compound comprises an acceptor portion and a label substance chemically linked to the acceptor portion, and said acceptor portion comprises one member selected from the group consisting of 3'-N-aminoacylpuromycin aminonucleoside and a 3'-N-aminoacyladenosine aminonucleoside.

21. A labeling compound for labeling a protein, which comprises an acceptor portion and a non-radioactive label substance chemically linked to the acceptor portion, wherein said